

ANTIMOLD BAKING COATING COMPOSITION

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Abstract of JP11315227

PROBLEM TO BE SOLVED: To obtain a coating composition which can give a coating film capable of being baked without discoloration and having a persisting antimold effect by incorporating isothiazoline and/or triazole type antimold organic compounds interposed between the layers of a layered silicate with a resin for baking coating material. SOLUTION: This composition is prepared by incorporating 100 pts.wt. resin for a baking coating material with 0.01-30 pts.wt. antimold consisting of 100 pts.wt. layered silicate prepared by replacing by fluorine atoms the hydroxyl groups of e.g. a smectic, vermiculite, or like layered silicate having a mean particle diameter of 10 μ m or below, and a cation exchange capacity of 0.1 meq/g or above and 0.1-3 pts.wt. isothiazoline and/or triazole type antimold organic compounds interposed between the layers of the silicate. The antimold organic compound used is exemplified by an isothiazoline compound such as 2-n-octyl-4-isothiazolin-3-one or a triazole compound such as 1-(4- chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazo-1-yl-2-butanone).

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